



revised 3/4/2010 5:37:00 PM

FACILITY COMPLIANCE AUDIT REPORT**Division of Waste Management****Solid Waste Section****UNIT TYPE:**

Lined MSWLF		LCID		YW	X	Transfer		Compost		SLAS		COUNTY: HALIFAX
Closed MSWLF	X	HHW		White goods	X	Incin		T&P		FIRM		PERMIT NO.: 42-04
CDLF	X	Tire T&P / Collection	X	Tire Monofill		Industrial Landfill	X	DEMO		SDTF		FILE TYPE: COMPLIANCE

Date of Audit: February 18, 2010**Date of Last Audit:** January 25, 2008 (C&D)January 15, 2009 (Industrial LF)**FACILITY NAME AND ADDRESS:**

Halifax County C&DLF, Closed MSWLF and Industrial Coal Ash Landfill
921 Liles Road
Halifax, NC 27839

GPS COORDINATES: N: 36.38018W: 077.80981**FACILITY CONTACT NAME AND PHONE NUMBER:**

Larry Garriss, Operations and Maintenance Manager, Solid Waste Division, Halifax County Public Utilities, Tel- 252-586-7516, Cell- 252-308-3825, Fax- 252-593-5014.

FACILITY CONTACT ADDRESS:

Halifax County C&DLF, Closed MSWLF and Industrial Coal Ash Landfill
PO Box 70
Halifax, NC 27839

AUDIT PARTICIPANTS:

Mary Whaley, NCDENR, Solid Waste Section
Larry Garriss, Operations and Maintenance Manager

STATUS OF PERMIT:

Permit # 42-04 is the same permit number for the closed MSWLF, the active C&DLF and the Industrial Coal Ash Landfill Permit. Permit # 42-04 was issued December 22, 2006 for Permit to Operate Phase 1 of the Construction and Demolition Debris Landfill Unit. The Permit would have expired on July 1, 2008 due to amendments or modifications to the facility needed for continued operation in accordance with 15A NCAC 13B .0547. **Paperwork has been submitted to the Section.**

PURPOSE OF AUDIT:

Partial Audit

NOTICE OF VIOLATION(S):

NONE

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. For the violation(s) noted here, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

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STATUS OF PAST NOTED VIOLATIONS:

NONE

AREAS OF CONCERN AND COMMENTS:

1. The C&D and the Industrial landfills are open Monday through Friday, 8 AM to 4 PM.
2. The C&D landfill takes in an average of 20-25 tons a day.
3. The industrial coal ash landfill is a lined landfill. The loads that came to the site were mainly sludge from the sediment ponds and the debris from the clean out of the storage silos at Cogentrics in Weldon, NC. Cogentrics was originally named Westmoreland Energy and is a coal fired power plant. Cell 1 of the coal ash landfill is approximately 12 acres in size and was constructed in 1993, and began to receive ash in May, 1994. Cell 2 was constructed in 1999 and is approximately 9 acres in size. Coal ash was spread out over the base of the liner of Cell 2 in 2003. Until then the liner was exposed. The liner was guaranteed for 5 years against ultra violet damage. At the time of this audit, there is still 10 to 12 feet of exposed liner on the sidewalls around the cell, still exposed to the weather. An engineering firm has been testing the integrity of the liner that has been exposed to the weather and will submit the results of the testing to the Solid Waste Section prior to the disposal of any ash on the exposed liner.
4. For the past six weeks, approximately 4,250 tons of coal ash, per week, have been being brought to the site for disposal. Up until six weeks ago, the ash was being taken to CCB Structural Fills, but it has now been being brought to the county industrial landfill.
5. Coal combustion by-products shall be collected and transported in a manner that will prevent nuisances and hazards to public health and safety. Coal combustion by-products shall be moisture conditioned, as necessary, and transported in covered trucks to prevent dusting. The structural fill project must be operated with sufficient dust control measures to minimize airborne emissions and to prevent dust from creating a nuisance or safety hazard and must not violate applicable air quality regulations. Water trucks and/or sprinklers may be necessary to keep the dust down on the access roads and the site itself.
6. Surface waters resulting from precipitation shall be diverted away from the active coal combustion by-product placement area during filling and construction activity. Grade the site to prevent ponding of water.
7. The sediment basin below the existing two coal ash cells has been cleaned of trees and brush.
8. The tires are kept in covered trailers.
9. An emergency contact number has been attached to the fence at the gate.
10. A sign stating that no hazardous or liquid waste can be received without written permission from the Division, shall be posted at the entrance **within two weeks**.
11. A white goods pad has been installed.
12. The C&D working face is not as small and compacted as it has been in the past. More cover is needed in some areas where some C&D is partially visible. **Insure that the working face does not exceed ½ acre.** This ½ acre includes any exposed area including the area where C&D is disposed of when the trucks cannot get to the main working face due to wet weather. **The owners and operators of all C&DLF units must cover the solid waste with six inches of earthen material when the waste disposal area exceeds one-half acre and at least once weekly.** Cover must be placed at more frequent intervals if necessary to control disease vectors, fires, odors, blowing litter, and scavenging. **A notation of the date and time of the cover placement must be recorded in the operating record.**
13. **Areas which will not have additional wastes placed on them for three months or more, but where final termination of disposal operations has not occurred, must be covered and stabilized with vegetative ground cover or other stabilizing material.**
14. Appropriate methods such as fencing and diking must be provided within the area to confine solid waste which is subject to be blown by the wind. At the conclusion of each operating day, all windblown material resulting from the operation must be collected and disposed of by the owner and operator.

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15. The yard waste area looks good. There is **not** a lot of miscellaneous unacceptable debris. The material is being windrowed until it is ground and removed for boiler fuel. Remember that the rules for composting must be followed if "yard trash" is going to be included in the debris and the material is ground and used as mulch.

Please contact me if you have any questions or concerns regarding this audit report.



Mary Whaley
Environmental Senior Specialist
Regional Representative

Phone: 919-693-5023.

Delivered on : <u>March 4, 2010</u> by		Hand delivery	X	US Mail		Certified No. []
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cc: Mark Poindexter, Field Operations Branch Supervisor
Dennis Shackelford, Eastern District Supervisor
Donald Herndon, Compliance Officer
Ming Chao, Permitting Environmental Engineer
Ed Mussler, Permitting Branch Head